

Docket No.: 515-4181



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT OPERATIONS

GAU 1643
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In re Application of:

Giovanni Abatangelo
and Lanfranco Callegaro

)
) Group Art Unit: 1643 #5

)
) Examiner: C. Washington
)

Serial No.: 09/445,604

Filed: December 7, 1999

For: **HYALURONIC ACID DERIVATIVE BASED CELL CULTURE AND
BIODEGRADABLE THREE-DIMENSIONAL MATRIX**

New York, NY 10036
June 5, 2000

Assistant Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

The following references are being cited under the provisions of 37 CFR § 1.97:

WO 96 33750 (A)
1996

Cited in the application

WO 96 37519 (A)
1996

Cited by PCT Examiner

I hereby certify that this correspondence is being
deposited with the United States Postal Service
as first class mail in an envelope addressed to:

Assistant Commissioner for Patents
Washington DC 20231

on: June 5, 2000


Karen Greenberg, Registration No.: 45,789

EP 0 529 659 (A)
1993

BIOMATERIALS 12:727-730
1991

WO 9525751
1995

WO 9845335
1998

WO 9635720
1996

J. Immun. Methods 89: 271-277
1986

Pancreas 9:439-449
1994

Proc. Natl. Acad. Sci. USA 83:7297-7301
1986

J. Clin. Investigation 52: 2745-2756
1973

Laboratory Investigation 75:249
1996

Cited by PCT Examiner

Cited by PCT Examiner

Describes sulfated hyaluronic acid derivatives with anticoagulant activity.

Describes anti-thrombotic activity of sulfated polysaccharides for pharmaceutical use.

Describes salts of hyaluronic acid esters, used in pharmaceuticals.

Describes tetrazolium dye assay for assessing growth in cell cultures.

Describes various methods for producing aggregations of islet of Langerhans cells to produce insulin.

Describes effect of fibroblast growth factor on invasive and proteolytic properties of capillary endothelial cells.

Describes long-term culture of identifiable endothelial cells.

Describes effect of hyaluronic acid on endothelial cell invasion process.

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Nature, Vol. 288, pg. 551
1980

Describes clonal in-vitro
angiogenesis.

Proc. Natl. Acad. Sci. USA 76:5217-5221
1979

Discloses a method for long-term
culture of endothelial
cells.

J. Cell Biol. 97:153-165
1983

Describes extracellular matrix
control of capillary
endothelial cells culture growth.

Hepatology 22:546
1995

Describes development of cell
culture system that mimics
physiological conditions.

J. Investigative Dermatol. 87:485
1986

Discloses a method for growth of
primary cell cultures of human
hair follicle cells.

EP 0216453 (A2)
1986

Describes new polysaccharide
esters and their salts.

EP 0341745 (A1)
1993

Describes crosslinked
carboxy polysaccharides.

EP 0265116
1987

Describes cross linked esters
of hyaluronic acid.

Copies of all the documents are enclosed herewith. It is respectfully requested that this art be considered by the examiner in the above-identified application and made of record therein.

In accordance with 37 CFR § 1.97 (b) it is believed that no fee is required.

The Commissioner is hereby authorized to charge any the filing of this application, or credit any overpayment, to Deposit Account No. 08-1540.

Respectfully submitted,



Karen Greenberg
Registration No. 45789

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